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SARRO, Gyorgy

Raw material exploration by means of a new Hungarian-made instrument. Musz elet 18 no.10:7 16 My '63.

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SARBO, Gyorgy

Introduction of the black malleable cast iron. Musz elet 18 no.11:11 23 My '63.

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SARBO, Gyorgy

What will the first piston factory be like? Musz elet 18 no.11:6 23 My '63.

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SARBO, Gyorgy

Road construction on quicksand. Musz elet 18 no.12:6 6 Je '63.

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SARBO, Gyorgy

Hungarian manufacture of nails injected with a pistol. Musz elet 18 no.12:10 6 Je '63.

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SARBO, Gyorgy

Desulphurization process in foundries. Musz elet 18 no.16:6
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SARBO, Gyorgy

How is the Research Institute for Experimental Medicine built?
Musz elet 18 no.17:5 15 Ag '63.

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SARBO, Gyorgy

Economical dimensioning of steel constructions. Musz elet 18 no.19:4 12 S '63.

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SARBO, Gyorgy

Recent Hungarian oxide ceramic fireproof products. Musz elet
18 no.21:6 10 O '63.

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SARBO, Gyorgy

Glued brake linings. Mana elet 18 no.21:13 10 O '63.

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SARBO, Gyorgy

Sewage control by new type sand catchers. Musz elet 18 no.22:11 24 O '63.

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SARDI, Gyorgy, okleveles gepeszmernok; BAKCSI, Robert, okleveles gepeszmernok

Air injection channels of passenger spaces in motor trains.
Epuletgepeszet 12 no.5:161-164 O '63.

1. Ganz-MAVAG Vagonszerkesztes.

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SARBO, Gyorgy

Examination of deep-bored wells. Musz elet 18 no.15:7 18 Jl '63.

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SARBO, Gyorgy

A new Hungarian-made binding material for the construction industry. Musz elet 18 no.23:6 7 N '63.

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SARBO, Gyorgy

Armor-clad accumulators. Musz elet 18 no.23:10 7 N '63.

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SARBO, Gyorgy

Hungarian method for manufacturing noncorrosive pipes.
Musz elet 18 no.25:10 5 D '63.

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SÁRBO, Gyorgy

Modernized devices in the machine industry. Musz elet 18 no.25: 4 5 D '63.

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

SARBO, Gyorgy

Onion cleaning machinery. Musz elet 18 no.26:4 19 D '63.

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SARBO, Gyorgy

New tools, devices in the service of science due to innovation.
Ujit lap 16 no.15:14 10 Ag '64.

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SARBO, Gyorgy

Modernization of screw manufacture in Hungary. Musz elet 18 no.26:6 19 D '63.

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The Szeged Textile Works under construction. Musz elet 19 no.1:11 2 Ja '64.

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SARBO, Gyorgy

Newly made testing instruments in the leather industry.
Musz elet 19 no. 5:6 27 F '64.

Modernization of tub production. Ibid.: 6.

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SARBO, Gyorgy

Oligomerization, a new method in organic chemistry. Musz elet 19 no. 4: 7 13 F '64.

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SARBO, Gyorgy

Technology of "Betonfix." Musz elet 19 no. 4: 11 13 F '64.

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SARBO, Gyorgy

Refining lubricating oils by hydrogenation. Musz elet 19 no.9:11 23 Ap '64.

Automatically controlled fatigue tester for the endurance determination of light constructions. Musz elet 19 no.9:14 23 Ap '64.

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SARBO, Gyorgy

Modernization of textile printing factories. Musz elet 19 no.11:6 21 My '64.

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SARBO, Gyorgy

New isotope for technical process in river control. Musz elet 19 no.11:10 21 My '64.

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SARBO, Gyorgy

Testing method for developing quarries and gravel pits.
Musz elet 19 no.12:10 4 Je '64.

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SARBO, Gyorgy

Hungarian-produced special steels. Musz elet 19 no.12:7
4 Je '64.

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SARBO, Gyorgy

Hungarian-manufactured brick beams and floor plates.
Musz elet 19 no.13:6 18 Je '64.

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SARBO, Gyorgy

Positron scanner, a new Hungarian-made diagnosticating device. Musz elet 19 no.13:7 18 Je '64.

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SARBO, Georgy

New insulating and packing materials for the construction industry. Musz elet 19 no.14:5 2 Jl '64.

Our modern malthouse under construction. Ibid.: 6-7

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SARBO, Gyorgy

New building elements: large frame concrete blocks. Musz elet 19 no. 22:4 22 O '64.

Quick analysis of rocks by neutron activation. Ibid.: 6.

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SARBO, Gyorgy

Telemetry in water economy. Musz elet 19 no.23:4 5 N '64.

Torsional silicon oil-controlled vibration absorber. Ibid.:6

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SARBO, Gyorgy

Testing device for vulcanization processes. Musz elet 19 no.24:
19 N '64.

Mechanical moment multiplier. Musz elet 19 no.24:7 19 N '64.
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SARBO, Gyorgy

Protection against corrosion by means of silicons in the construction industry. Musz elet 19 no.26:10 17 D '64.

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SEIDNER, Mihaly, dr., Kossuth-dijas akademikus; SARBO, Gyorgy

A 90-year-old Hungarian scientist's invention is conquering France after Switzerland. Ujit lap 17 no.7:7 13 Ap '65.

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SARBO, Gyorgy

Modernization of concrete road construction. Musz elet 20 no. 2:6 28 Ja '65.

A new Hungarian-manufactured flame photometer. Ibid.:7

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SARBO, Gyorgy

Explosion-proof television picture tubes. Munz elet 20 no.3:4 11 F '65.

Electrochemical metalworking. Munz elet 20 no.3:6 11 F '65.

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Single-purpose rectangular automatic pressing machines. Musz elet 20 no.4:6 25 F '65.

New Hungarian-made pneumatic tools. Ibid.:10

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Proton precessional observatory magnetometer. Musz elet 20 no.5:4 11 Mr '65.

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SARBO, T. Automation of the railroad administrative work. p. 794.

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SARBO, Tamas, okleveles gepeszmernok

The 1962 Budapest conference of RIV (International Regulations for Freight Cars). Kozl tud sz 12 no.8:381-383 Ag '62.

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SARBO, Tamas

Problems of brake technology. Vasut 13 no.1:25-26 30 Ja '63.

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SARBO, Tamas

Evaluation of the technical controls of freight cars.
Vasut 13 no.2:23-24 F '63.

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SARBO, Tamas

Raising the level of leadership in the field of technical car service. Vasut 12 no.1:3-4 30 Ja '62.

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SARBO, Tamas

Is there any need for wave-breaking plates in container cars?
Vasut 12 no.2:22 25 F '62.

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SARBO, Tamas, okleveles gepeszmernok

Methods for introducing the automatic railway couplings in Europe. Kozl tud sz 14 no. 2:84-91 F '64.

1. Kozlekedes-es Postaugyi Miniszterium I. Vasuti Foosztalya osztalyvezetoje.

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Accelerating the work at marshaling yards from the point of view of technical car service, Pt. 2, Vasut 12 no.12:14-16 25 Ag '62.

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SARBO, Tamas

Structural problems in designing railroad vehicles suited for the European automatic coupling mechanism. Jarmu mezo gep 11 no. 5:161-168 My '64.

1. Chief, Technical Division for Car Service, No. 1 Department of Railways, Ministry of Transportation and Posts, Budapest.

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SARBO, Tamas

Development of refrigerator cars with an engine room. Vasut 14 no.7:6-8 Jl '64.

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SARKONYAN, M.Kh.

Mechanical effect of the granites of the Main Range on the enclosing rocks (Northern Caucasus). Sov. geol. 7 no.8: 143-144 Ag '64. (MIRA 17:10)

1. Severo-Kavkazskoye geologicheskoye upravleniye.

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VORONIN, V.I., inzhener; ZARIN, S.A., inzhener; SARBUCHEV, A.A., inzhener.

Unattended NUS-3 amplifier station, fed by remote control. Vest. sviazi 15 no.11:5-8 N '55. (MLRA 9:2)
(Amplifiers, Electron) (Remote control)

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SARCEVIC, Milan, dipl. el. inz. (Zagreb)

The 30 and 35 kv. operating voltage in the electric power systems of Croatia. Energia Hrv 12 no.11/12:330-332 '63.

1. Union of the Electric Industry Enterprises of Croatia, Zagreb, Proleterskih brigada 37.

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PURAC, Ljubomir, sanitetski pukovnik, doc. mr. ph.; RADIVOJEVIC, Bogdan, sanitetski potpukovnik, mr. ph.; SARCEVIC, Mirjana, zdravstveni tehnicar.

A simple and precise method for the determination of urea. Vojnosanit. pregl. 22 no.3:162-165 Mr'65.

1. Centralna medicinsko-hemijska laboratorija, Vojnomedicinska akademija u Beogradu.

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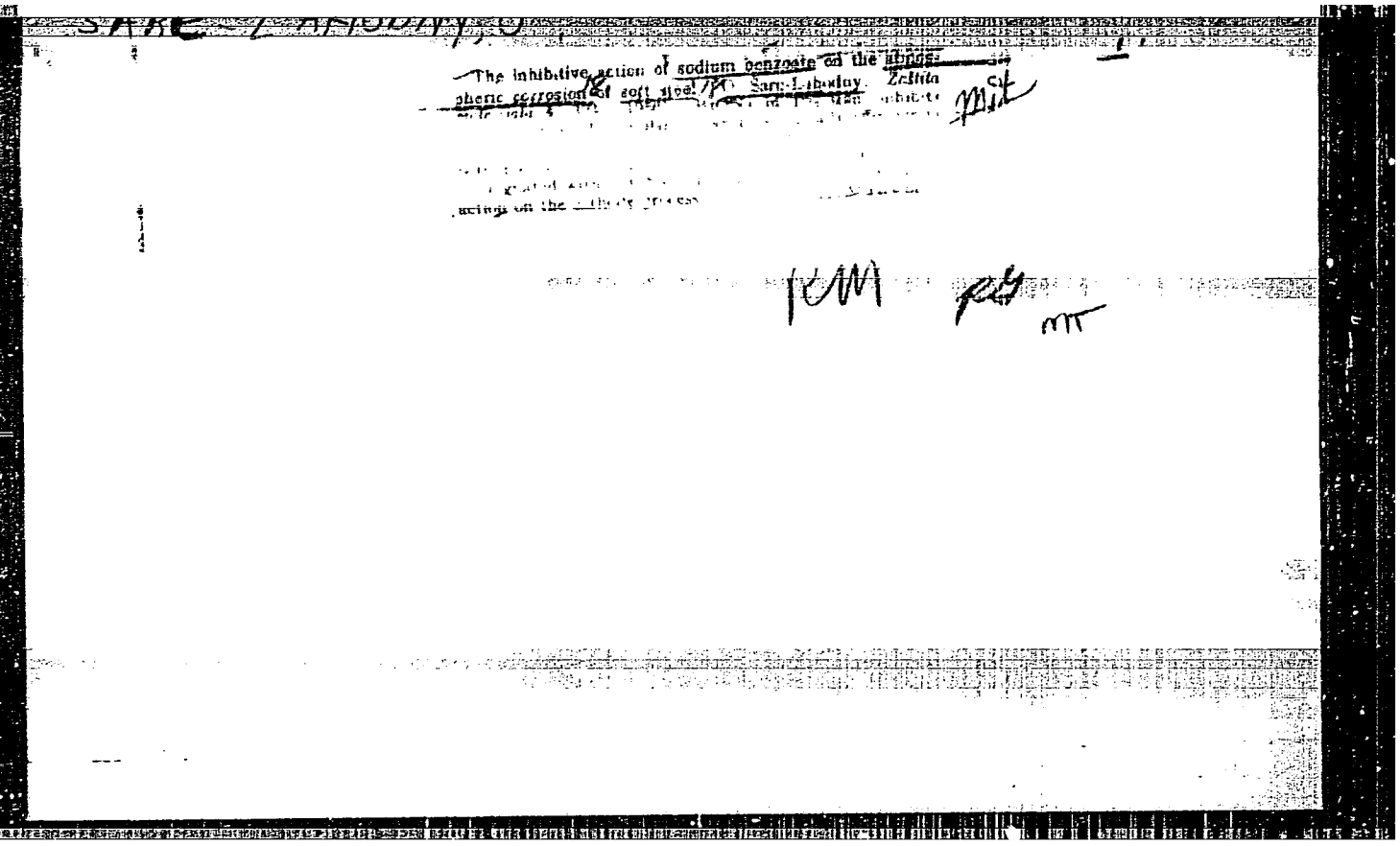

The inhibitive action of sodium benzoate on the atmos-
pheric corrosion of soft steel

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SARC-LAHODNY, Olga; KARSULIN, Miroslav

Structural changes in kaolinite between 100° and 600°C. Rad mat fiz teh JAZU no.319:185-203 '61.

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SARDAK, G.A.

Parenteral administration of pyramidon in the clinic. Sov.med. 17 no.8:36 Ag '53. (MLRA 6:8)

1. Vinnikovskaya rayonnaya bol'nitsa L'vovskoy oblasti. (Pyramidon)

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SARDAK, G.A., kand.med.nauk (Stanislav, ul. Gerasimova, d.2.kv.8)

Rare case of a severe from of acute intestinal obstruction.
Nov.khir. arkh. no.3:105-107 My-Je '58 (MIRA 11:9)

1. Gospital'naya khirurgicheskya klinika (zav. - prof. S.A. Verkharatskiy) Stanislavskogo meditsinskogo instituta.
(INTESTINES--OBSTRUCTION)

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SARDAK, G.A., kand.med.nauk

Surgical complication in candidamycosis. Vop.okh.mat i det. 3 no.6:76-79 N-D '58 (MIRA 11:12)

1. Iz kliniki fakul'tetskoy khirurgii (zav. - prof. E.A.Sakfel'd) Stanislavskogo meditsinskogo instituta.
(MONILIASIS)

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SARDAK, G. A.

Change in the flora of the small intestine in experimental obturating intestinal obstruction. Eksper. khir. i anest. no.2: 49-51 '62. (MIRA 15:6)

1. Iz kliniki fakul'tetskoy khirurgii (zav. - prof. E. A. Sakfel'd) Stanislavskogo meditsinskogo instituta.

(INTESTINS—MICROBIOLOGY) (INTESTINES—OBSTRUCTIONS)

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SARDAK, G. A., dots. (Stanislav, ul. Mateyki. d. 36, kv. 8)

Treatment of obliterating endarteritis in the late stages of the disease. Nov. khir. arkh. no.3:59-65 '62. (MIRA 15:4)

1. Kafedra fakul'tetskoy khirurgii (zav. - prof. E. A. Sakfel'd) Stanislavskogo meditsinskogo instituta.

(ARTERIES—DISEASES)

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SARDAK, G.A., dotsent (Ivano-Frankovsk obl., ul. Mateyki, d.36, kv.8)

Esophageal alloplasty under experimental conditions. Vest. khir. 91 no.7:41-45 Jl'63 (MIRA 16:12)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. E.A. Sakfel'd) Ivano-Frankovskogo meditsinskogo instituta i Instituta eksperimental'noy biologii i meditsiny (dir.-prof. Ye.N.Meshalkin) Sibirskogo otdeleniya AN SSSR.

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

SARDAK, M.I.

For high milk yields. Nauka i zhizn' 22 no.7:49-51 Jl '55.
(MLRA 8:9)

1. Doyarka kolkhoza imeni Stalina, Bol'she-Tokmakskogo rayona, Zaporozhskoy oblasti, deputat Verkhovnogo Soveta SSSR.
(Dairying)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

SARDANASHVILI, A. G.

Sardanashvili, A. G.

"A study of the problem of the adsorption desulphurization of petroleum and petroleum fractions by the 'MNI' (Min Petroleum Industry?) method." Min Higher Education USSR. Moscow Order of Labor Red Banner Petroleum Inst imeni Academician I. M. Gubkin. Moscow, 1956. (Dissertation for the Degree of Candidate in Technical Sciences).

Knizhnaya letopis'
No. 15, 1956. Moscow.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

GUREVICH, I.L.; SARDANASHVILI, A.G.; KISELEV, B.D.

Removal of aromatic hydrocarbons from soft paraffins. Trudy MINKHiGP no.28:116-125 '60. (MIRA 14:4)
(Paraffins) (Hydrocarbons)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

5(3), 15(3), 15(5)

AUTHORS: Topchiyev, A. V., Academician, Musayev, I. A., Iskhakova, E. Kh., Sardanashvili, N. M., Kislinskiy, A. N., Gal'pern, G. D.

S/020/60/130/06/024/059
B011/B015

TITLE: Investigation of the Individual Hydrocarbon Composition of Benzines Obtained From the Cracking of High-quality Surakhany Petroleum

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol 130, Nr 6, pp 1267 - 1269 (USSR)

ABSTRACT: The authors of the present paper subjected the benzines they had investigated previously (Ref 1) to further investigation: B-12 (obtained by catalytic cracking of the petroleum - gas oil fraction), B-2 (obtained by thermal cracking of fuel oil), and B-11 (obtained by the thermal cracking of the petroleum - gas oil fraction). In the fraction up to 60°, the individual hydrocarbons (Table 2) were investigated in these benzines, in the fractions 60-175° the aromatic hydrocarbons (Table 1). Table 3 contains data of the fractions up to 60°. The latter contain in each of the 3 benzines up to 30 individual hydrocarbons; e.g. in B-12 (in %): 2-methyl-butane 36.4; 2-methyl-butene-2 15.1;

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2-methyl-pentane 8.6; n-butene (1- and 2-together 6.5). Benzine B-2 contains (in %): n-pentane 25.0; 2-methyl-butane 11.1; 2-methyl-butene-2 7.9; 2-methyl-pentane and 4-methyl-pentene-1 7.5 each; pentene-1 7.2. Benzine B-11 contains (in %): n-pentane 19.9; 4-methyl-pentene-1 12.0; 2-methyl-butene-2 10.0; pentene-1 7.7; 2-methyl-butane 7.4; cyclopentane 7.2. The influence of the processing method upon benzines from the same raw material is expressed by the different content of individual hydrocarbons. The fractions up to 60° may well be regarded as a possible raw material for the petroleum-chemical synthesis. Table 1 shows that the total yield in aromatic hydrocarbons from B-12 is twice higher than that from B-11, and five times higher than that from B-2. The most important hydrocarbons are: in B-12: ps-cumene (27% of all aromatic hydrocarbons, 8.2% of the benzine fraction up to 175°); toluene (18 and 5.4%), m-xylene (14 and 2%), ethylbenzene (10 and 3%); in B-11: toluene (30 and 4.6%), benzene (18 and 2.8%), m-xylene (9 and 1.4%), ethylbenzene 9%; in B-2: m-xylene (17 and 1.0%), toluene (14 and 0.94%), ps-cumene (13

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Investigation of the Individual Hydrocarbon Composition of Benzines Obtained From the Cracking of High-quality Surakhany Petroleum

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B011/B015

and 0.87%), ethylbenzene (11 and 0.23%). G. N. Buturlova and M. S. Lentovskaya took part in the experiments. There are 3 tables and 3 Soviet references.

SUBMITTED: August 2, 1959

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

S/062/61/000/001/008/016
B101/B220

AUTHORS: Topchiyev, A. V., Musayev, I. A., Iskhakova, E. Kh., and Sardanashvili, N. M.

TITLE: Chemical composition of benzines produced by cracking of naphthene raw substance. Communication 1. Comprehensive method of investigating the detailed chemical group composition of cracking benzines.

PERIODICAL: Izvestiya Akademii nauk SSSR. Otdeleniye khimicheskikh nauk, no. 1, 1961, 94-102

The aim of the authors was to find new raw material sources for the petrochemical synthesis. The present publication is a study of the effect of the chemical composition of the cracking material upon composition and structure of the products obtained by thermal or catalytic cracking. A previous article dealt with the chromatographic separation of cracking benzines into naphthene paraffins, unsaturated and aromatic hydrocarbons. In the present work this method has been combined with catalytic hydrogenation and with the aniline method. Specimens obtained by thermal and

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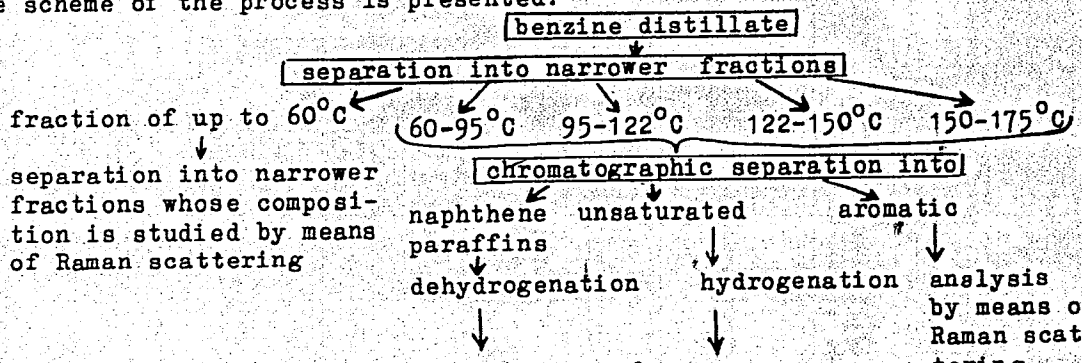
"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

catalytic cracking of Surakhan petroleum served as initial products: 1) Benzine B-12 (B-12) obtained by catalytic cracking of the kerosene-gasoil fraction (235-360 C) on an aluminum silicate catalyst at 460°C; 2) benzine B-2 (B-2) obtained by thermal cracking of mazut (boiling point above 360°C) at 515°C and 38-40 atm; 3) benzine B-11 (B-11) obtained by thermal cracking of the kerosene-gasoil fraction at 515°C, 40 atm. The scheme of the process is presented:



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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

Chemical composition of benzines...

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B101/B220

The hydrogenation of the unsaturated hydrocarbons was performed in small autoclaves at 75-80 atm, 150-200°C with nickel upon kieselguhr as catalyst. Dehydrogenation was effected by means of platinized carbon with admixture of iron at 300-302°C. The content of aromatic hydrocarbons obtained by dehydrogenation of cyclohexane hydrocarbons, and the content of pentamethylene hydrocarbons in the dearomatized catalyzate were determined by the aniline method, the content of paraffin being determined from the difference. Results are given in Table 8. They corfirm that the composition of the initial substance

sulfuration of the dehydrogenizate

↓

determination of group composition

hydrogenizate

↓

dehydrogenation of the hydrogenizate

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sulfuration of the dehydrogenizate

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determination of group composition

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and the method of its treatment affected the composition of the benzine obtained. T. N. Buturlova cooperated. G. D. Gal'pern and P. S. Maslov are mentioned. There are 8 tables and 11 references: 9 Soviet-bloc and 2 non-Soviet-bloc.

ASSOCIATION: Institut neftekhimicheskogo sinteza Akademii nauk SSSR
(Institute of Petrochemical Synthesis, Academy of Sciences USSR)

SUBMITTED: August 5, 1959

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

TOPCHIYEV, A.V.; MUSAYEV, I.A.; ISAKHAKOVA, E.Kh.; SARDANASHVILI, N.M.; KISLINSKIY, A.N.; GAL'PERN, G.D.

Chemical composition of gasolines obtained from the cracking of naphenic feed stocks. Report No.2: Individual hydrocarbon composition of cracking gasolines from Surakhan selective crudes. Izv. AN SSSR. Otd. khim. nauk no.2:302-306 F '61. (MIRA 14:2)

1. Institut neftekhimicheskogo sinteza AN SSSR.
(Gasoline) (Petroleum products)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

SARDANOVSKIY, A.N.

Divided treatment of water with a coagulant. A. N. Sardanovskii and L. P. Kazakova. *Vodosnabzhenie i Sanit. Tekh.* 1955, No. 4, 9–11.—It was found that water treatment requires less coagulant (I) when the raw water is divided into 2 parts prior to treatment; one part is treated with the whole amt. of I and then, after the floc has been formed, mixed with the other part of the water. The ratio of the 1st to the 2nd part varies from 1:1 to 2:3 by wt. and depends on the quality of raw water. The lab. investigations proved that 31.5% Al sulfate was saved by such method. The explanation of such treatment lies in the fact that the concn. of I in the 1st part of water is much higher than usual, thus, creating optimum condition for the coagulation and acceleration of floc formation. When the 2nd part of the raw water is admixed the floc already present forms centers of coagulation in the 2nd part of the raw water. Each raw water requires lab. investigations for the detn. of the optimum ratio of both parts. Each sample after treatment should be filtered. A full-scale plant is described.
F. J. Heindel

MD

(1)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

POKHLEBALOVA,L.P., inzhener; SARDANOVSKIY,M.V., inzhener.

Method for the determination of fragrance tenacity of perfumes and Eaux de Cologne. Masl. -zhir. prom. 19 no.2:22-25 '54. (MLRA 7:4)

1. Fabrika "Novaya zarya" (Perfumery)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

LEBEDEV, D.N., inzh. (g.Kuybyshev); SARDANOVSKIY, N.N., inzh. (g.Kuybyshev)

Planning and construction of industrial sewage disposal fields for the irrigation of farm lands. Gidr. i mel. 13 no.4:30-38 Ap '61.
(Kuybuyshev Province—Sewage irrigation)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

KOTIK, Mikhail Grigor'yevich, kand. tekhn. nauk; PAVLOV, Aleksey Vasil'yevich, inzh.; PASHKOVSKIY, Igor' Mikhaylovich, kand. tekhn. nauk; SARDANOVSKIY, Yuriy Sergeyevich, inzh.; SHCHITAYEV, Nikolay Grigor'yevich, inzh.; GALLAY, M.L., kand. tekhn. nauk, zasl.letchik-ispytatel' SSSR, retsenzent; KIRILLOV, Ye.A., inzh., retsenzent

[Flight testing of airplanes] Letnye ispytaniia samoletov. Moskva, Mashinostroenie, 1965. 379 p. (MIRA 18:11)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

L 16840-66 ARG/EWT(d)/FBD/FBO/EWT(m)/EWP(v)/T-2/EWP(k)/EWP(h)/EWP(l)/EWA(h)/ UR/ 58 57 B+1

ACC NR: AM6000300 Monograph

ETC(m)-6 TT/WW/EM.

Kotik, Mikhail Grigor'yevich; Pavlov, Aleksey Vasil'yevich; Pashkovskiy, Igor' Mikhaylovich; Sardanovskiy, YUriy Sergeyevich; Shchitayev, Nikolay Grigor'yevich

Flight testing of aircraft (Letnyye ispytaniya samoletov) Moscow, Izd-vo "Mashinostroyeniye," 1965. 379 p. illus., biblio. Errata slip inserted. 3000 copies printed.

TOPIC TAGS: aircraft flight test, aircraft

PURPOSE AND COVERAGE: This monograph is a textbook for students of aviation schools specializing in aircraft flight testing. It can also be used as a handbook by professional people employed by the aircraft industry at flight testing facilities. It presents up-to-date techniques used in aircraft testing, including a study of the principles underlying the methods of determining the main characteristics of a modern airplane.

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

L 16840-66
ACC NR: AM6000300

Ch. XI. Determination of the launching and landing characteristics of an aircraft — 338

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SUB CODE: 01/ SUBM DATE: 06Aug65/ ORIG REF: 023/

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APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

SARDAR, Ye.A.

Relation of choleralike vibrios to cholera bacteriophages.
Zhur.mikrobiol., epid. i immun. 42 no.12:126-130 D '65.
(MIRA 19:1)

1. Khabarovskaya protivochumnaya stantsiya.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

IA BUNETS, N.F.; SARDAR, Ye.A.

Study of the fleas of the lesser suslik (Citellus pygmaeus Pall.) in a plague focus in Daghestan. Trudy Nauch.-issl. protivochum. inst. Kav. i Zakav. no.5:5-18 '61.
(MIRA 17:1)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

BRYUKHANOVA, L.V.; SARDAR, Ye.A.; LEVI, M.I.

Method of determining the quantity of blood suched by a flea. Trudy Nauch.-issl. protivochum. inst. Kav. i Zakav. no.5:28-32 '61. (MIRA 17:1)

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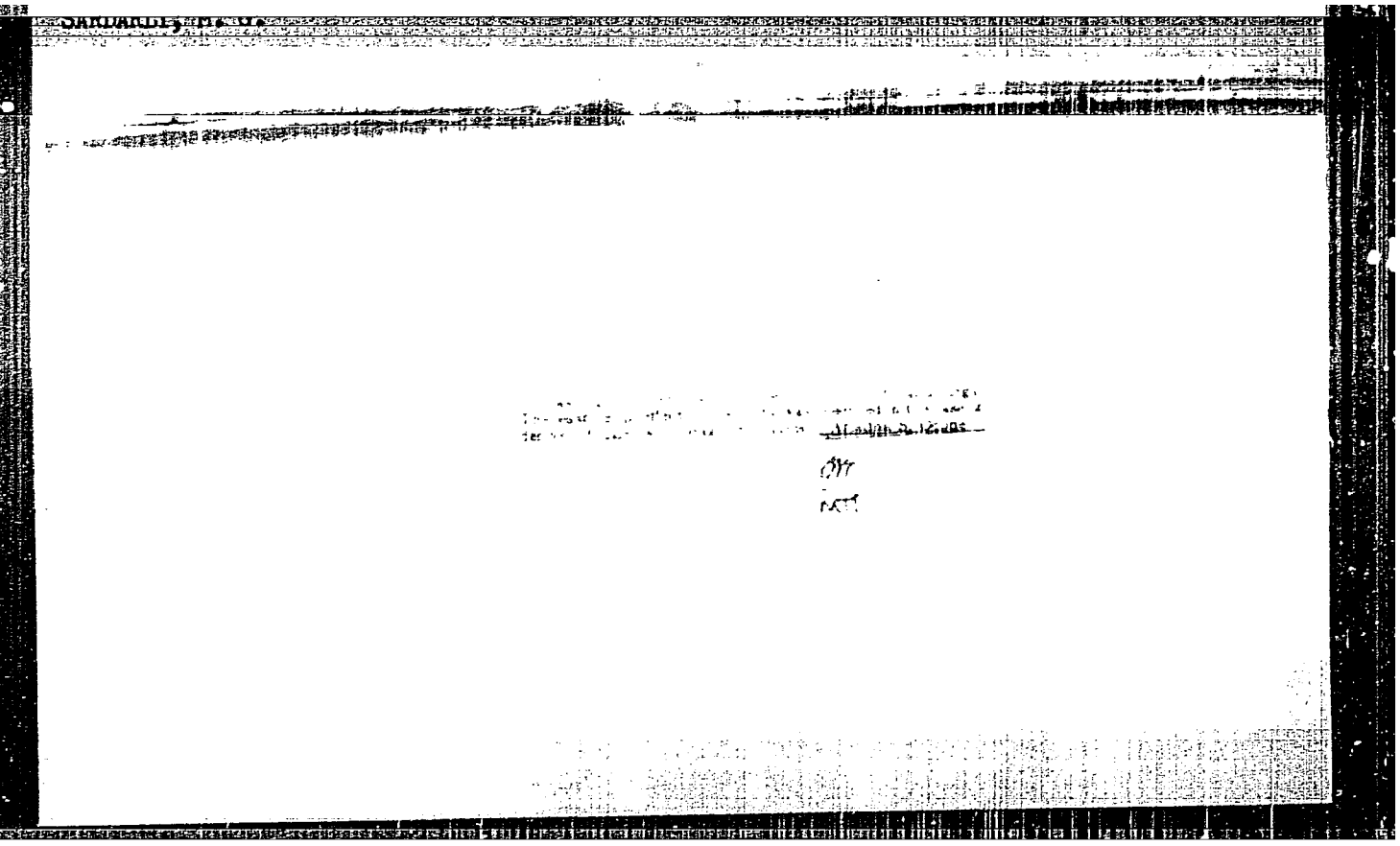

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SARDAROV, G., kand.tekhn.nauk; YARTSEV, A., inzh.

Laying pavement of cemented soil with polyacrylamide additive.
Avt.dor. 26 no.12:16-17 D '63. (MIRA 17:4)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

SARDAROV, S. S.

USSR/Physics of the Earth - Origin and Structure of the Earth, O-2

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36317

Author: Amirkhanov, Kh. I., Gurvich, I. G., Sardarov, S. S.

Institution: None

Title: Mass-Spectrometric Accelerated Method of Determining the Absolute Age of Geological Formations Using the Radioactive Decay of K^{40} in Ar^{40}

Original Periodical: Izv. AN SSSR, ser. geol., 1955, No 4, 80-87

Abstract: A method was developed for accelerated determination of the absolute age of rocks by argon-potassium methods. The total time of one determination of the amount of the radiogenic argon is 1-2 hours. The data obtained are in good agreement with the data measured by other methods. The values of the decay constants of potassium were taken from the data by E. K. Gerling. Measurements were made on the age of rocks and minerals in the northern Caucasus. The results of these measurements make it possible to

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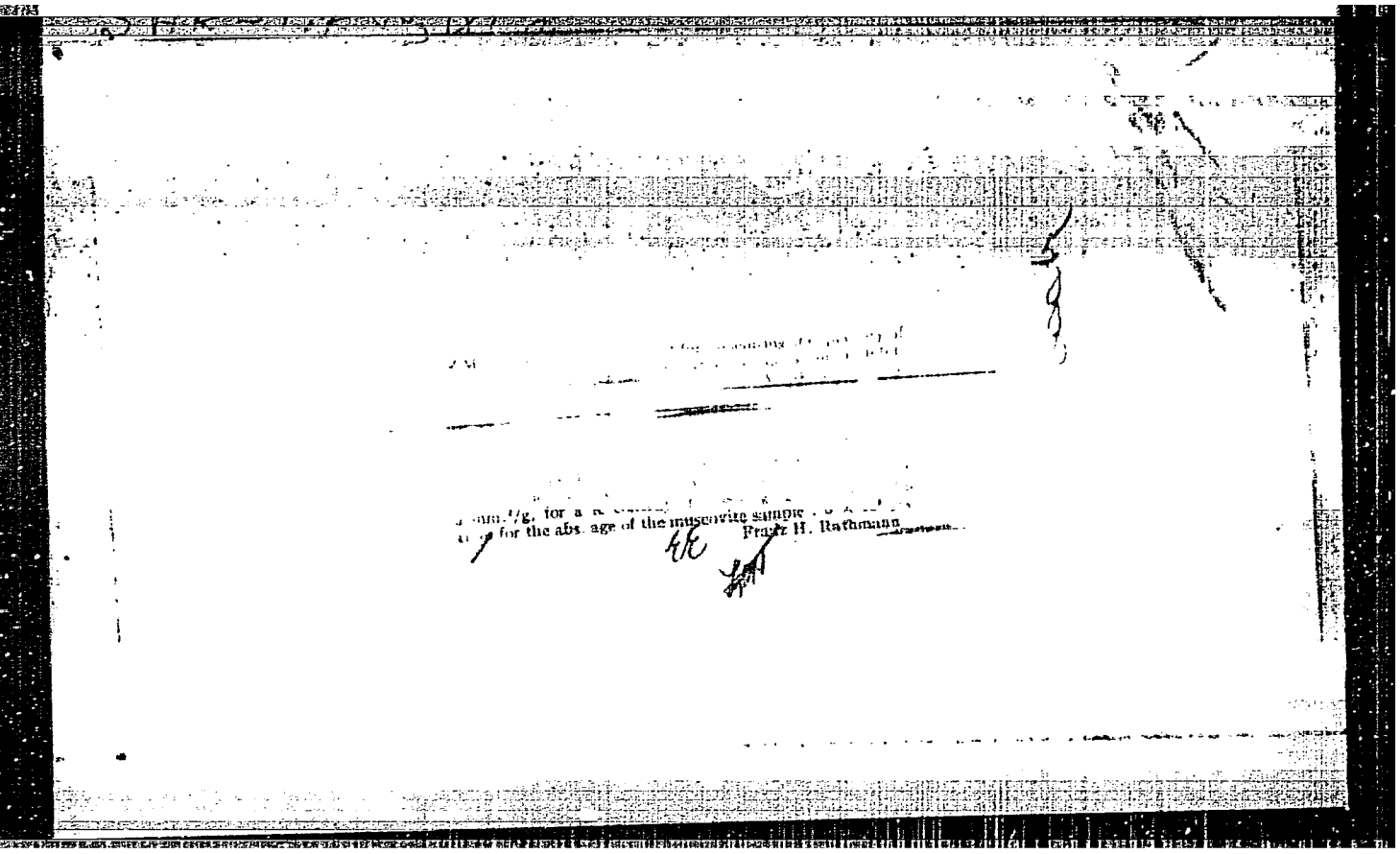

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

SARDAROV, S. S., Cand Phys-Math Sci -- (diss) "Determination of the radiogenetic-argon content by the method of isotopic dilution for the purpose of measuring the absolute age of geological formations." Makhachkala, 1957. 10 pp. (Tbilisi State Univ im I. V. Stalin), 150 copies. (KL, 9-58, 113)

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almost all cases there was a rough direct correlation between degree of lowering of the abs. age of microcline and its degree

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

SARDAROV, S.S.

11-4-10/23

SUBJECT: USSR/Reactor for Radiogenic Argon

AUTHOR: Sardarov, S.S.

TITLE: "New Reactor for the Separation and Cleaning of Radiogenic Argon" (Novyy reaktor dlya vydeleniya i ochistki radiogennogo argona)

PERIODICAL: "Izvestiya Akademii Nauk SSSR", Seriya Geologicheskaya, 1957, #4, pp 108-112 (USSR).

ABSTRACT: Determination of age of geologic formation by means of radioactive decomposition of K^{40} into Ar^{40}. It was shown in the foregoing studies that generation of radiogenic argon was accomplished by melting samples by applying high frequency currents. In order to simplify operations it was proposed to use 2 exposed heating spirals, installed inside the reactor. The advantages of the new type reactor are: 1) The background of atmospheric argon is by 3-4 orders of magnitude smaller, and is formed at $10^{-10} cm^3$ within 2-3 hours, which fact increases the sensitivity for determining radiogenic argon. 2) The partial pressure of the examined argon, with other conditions unchanged, is by almost one order of magnitude higher, thus increasing the ion flow and the sensitivity of the method. 3) Reducing the

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

TITLE: "New Reaktor for the Separation and Cleaning of Radiogenic Argon" (Novyy reactor dlya vydeleniya i ochistki radiogennogo argona)

background of the atmospheric argon and increasing pressure as well as sensitivity by almost 2 orders of magnitude. 4) The weight of the sample rock or mineral can vary from 0.1-100.0 g. 5) The absorption of gases forming beside the radioactive argon is being accomplished at a higher rate. 6) Analyzing time is reduced by 30-40 % with one analysis requiring not more than 1.5 hours. 7) The construction of the reactor permits measurements of radiogenic argon of 3-4 different samples without letting atmospheric air enter the reactor, thus cutting analysing time into half. 8) Simplification of operations.

For complete and quick separation of radiogenic argon the sample is melted at a temperature of 1200 - 1400°. Cleaning of radiogenic argon from other gases (O_2, H_2CO_2) is accomplished by means of heated metallic calcium. Measurements are carried out with a 2-ray mass spectrometer "MC-2M". The slots of the ion collector are arranged in such a way as to enable to measure the ion flows of Ar^{40} and Ar^{36} simultaneously.

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

11-4-10/23

TITLE: "New Realtor for the Separation and Cleaning of Radiogenic Argon" (Novyy reactor dlya vydeleniya i ochistki radiogennogo argona).

The article contains 1 photograph and 1 figure.
The bibliography lists 5 references, all Slavic (Russian)

ASSOCIATION: Dagestan Branch of the Academy of Sciences USSR, city of Makhachkala.

PRESENTED BY: 5th Session of the Committee for the Determination of the Age of Geologic Formations, attached to the Academy of Sciences, USSR.

SUBMITTED: October 22, 1956

AVAILABLE: At the Library of Congress.

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APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

SARDAROV, S.S.

Bond energy and retention of radiogenic argon in micas. (MIRA 14:3)
Geokhimiia no.1:30-38 '61.

1. Institute of Geology of the Dagestan Branch of the Academy of Sciences, U.S.S.R., Makhachkala.
(Chemical bonds)
(Argon)
(Muscovite)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

SARDAROV, S.S.; ANOKHINA, L.K.; GNAROV, O.A.

New methods for the determination of radiogenic argon in glauconites. Metod. opr. abs. vozr. geol. obr. no.6:45-47 '64 (MIRA 18:2)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

H-8

USSR/Cultivaed Plants - Fruits, Berries.

Abs Jour : Ref Zhur - Biol., No 9, 1958, 39493

Author : Serdorova, G.G.

Inst : Institute of Soil-Science and Agro-Chemistry, AS AzerSSR

Title : The Results of Applications of Various Doses of Mineral Fertilizers in an Apple Tree Orchard of the Kubinskiy Rayon.

Orig Pub : Tr. In-ta pochvoved, i agrokhimii AN AzerSSR, 1955, 7, 119-126.

Abstract : A study of the influence of mineral fertilizers on the growth, development and fruit bearing of apple trees was conducted in an orchard of kolkhoz No 12 on an area of 5 ha. The chief apple tree variety was winter Golden Parmen. Its pollinators were Djir-Hadji and Champagne Renuet. The soils in that area are poor in organic substance and

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

Abs Jour : Ref Zhur - Biol., No 9, 1958, 39493

In N, but they possess sufficient stores of P_2O_5. However, P_2O_5 - is available in a form which makes it hard for the plants to profit by it. PK in quantities of 120, 180 and 240 kg/ha of active elements and of 100 kg/ha of K was introduced in 1948. The experiment was repeated three times, 75 trees were used in each case. N was introduced in the form of Nc during the blossoming period and the formation of the fruit buds, P and K were introduced during fall plowing. The introduction of fertilizers in quantities of 120-180 kg/ha in the apple tree orchard increased the increment of sprouts and stems by up to 45% in comparison with control trees. It also increased the germination of fruits and increased the number of productive trees. The number of trees with a high yield of apples (200-400 kg) especially increased. A more extensive use of fertilizers also brought about an increase in the general fruit yield. -- S.A. Brushlinskiy.

Card 2/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0

SARDAROVA, G.G.

Behavior of phosphoric acid in some carbonaceous soils in Azerbaijan S.S.R. [in Azerbaijani with summary in Russian]. Izv.AN Azerb. SSR no.11:115-125 '56. (MLRA 10:2)
(Azerbaijan--Phosphates)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210002-0"